

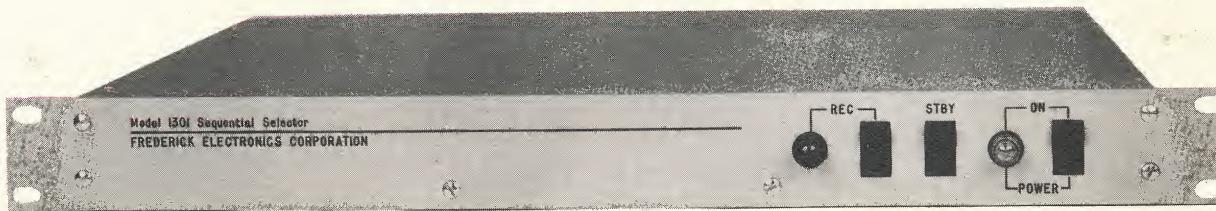
F E C

QUALITY
COMMUNICATION
EQUIPMENT

SEQUENTIAL SELECTOR

TELEGRAPH TERMINAL EQUIPMENT

PRODUCT
DATA
MODEL
1301



SEQUENTIAL SELECTOR MODEL 1301

PURPOSE: The Model 1301 Sequential Selector has been developed to provide a number of optional control functions in response to a predetermined sequence of standard teleprinter signals. It is, essentially, a solid-state version of the mechanical stunt box and can be tailored to a variety of applications in the areas of selective calling, remote control, and data processing.

DESIGN FEATURES: The standard unit is designed to accept 5 level teleprinter signals of 45.5, 50, 56.9, or 74.2 baud from a conventional neutral or polar telegraph loop. Rear panel strap connections are provided to permit the selection of the appropriate baud rate and input circuit form.

The incoming signals are retimed or regenerated and stored, in parallel form, for subsequent control signal generation. The regenerated serial 5 level signal is available as an option and is in the form of dry contacts of a mechanical relay suitable for driving standard neutral or polar telegraph loops. Units designed to accept other than standard codes, speeds or input circuit forms can be provided at extra cost on special order.

The code recognition and control generation circuitry would be tailored to suit the particular customer application. Standard models are arranged to perform an ON - OFF control function as would be applicable for example, to the selective starting and stopping of a teleprinter in response to programmed ADDRESS and END OF MESSAGE codes. The particular coded sequence is a customer option and may be any combination of up to Five characters, either figures or letters case. A front panel mounted RECEIVE light is available to provide indication that the unit is On Line or operating in response to command. Push buttons are also available on the front panel to provide Local on-off control of the associated teleprinter.

While the standard model has been developed for use with selective calling schemes, the Model 1301 individually or in combination could be arranged to perform a variety of control operations in response to many combinations of coded sequences. The Frederick Electronics Corporation engineering staff is prepared to assist the customer in tailoring a standard unit to suit his application or in the design of a unit to meet specialized requirements.

PHYSICAL DESCRIPTION: The Model 1301 is all solid-state, and packaged in modular form on plug-in circuit boards. The unit is designed for slide mounting in a standard 19 inch relay rack. The top cover is removable for maintenance and trouble shooting.

PRICE F.O.B. FREDERICK, MD.

\$440

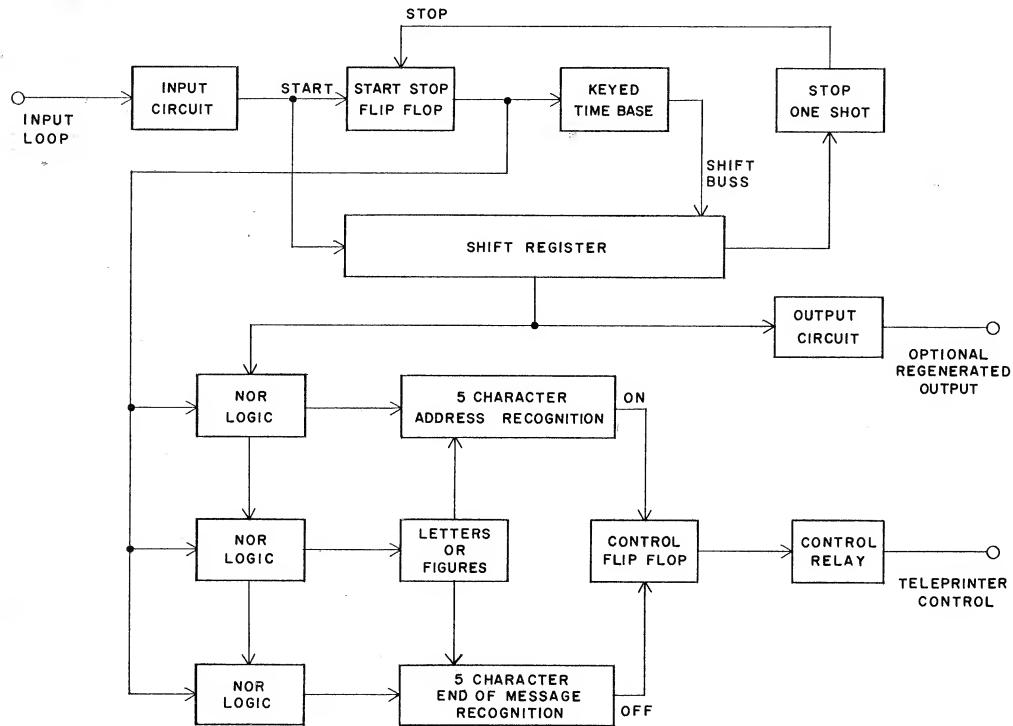
NEW INFORMATION

EFFECTIVE MAY 1965

FREDERICK ELECTRONICS CORPORATION

HAYWARD ROAD FREDERICK, MARYLAND

SEQUENTIAL SELECTOR



BLOCK DIAGRAM MODEL 1301

SPECIFICATIONS, STANDARD MODEL:

INPUT SIGNAL:	Standard 5 Level Teleprinter Code, 7.0 units or longer in length
INPUT CIRCUIT:	20 MA Polar, 20 MA or 60 MA Neutral
INPUT IMPEDANCE:	100 Ohms, Nominal
INPUT RATE:	45.4, 50, 56.9, 74.2 Baud
CODE SEQUENCE:	Tailored to customer requirements. (Typically, any combinations of up to 5 characters, letters or figures case.)
CONTROL FUNCTION:	Tailored to customer requirements. (Normally supplied with dry contacts, Form "A" – Normally Open – double pole.)
OPTIONAL OUTPUT:	Regenerated input signal, dry contacts Form "C" suitable for keying 20 MA Polar, 20 MA or 60 MA neutral circuits.
POWER REQUIREMENTS:	100 to 130 Vac, 50 to 65 cps
DIMENSIONS:	Height – 1 3/4 inches Width – 19 inches Depth – 17 inches

FREDERICK ELECTRONICS CORPORATION

HAYWARD ROAD

FREDERICK, MARYLAND

PHONE: AREA CODE 301-662-5901



Thank you for your inquiry!

Enclosed are brochures you requested describing products manufactured by Frederick Electronics Corporation, Box 502, Frederick, Md. Tel.: Area Code 301—662-5901.

Your request for further information will be most welcome. Please write or call us or our representative in your area:

M. J. Fein and Company
Harwood Bldg. Suite 308
Scarsdale, New York

Area 914 472-1100